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**MAR 14 2006**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Application Number</b>	09/595776	<b>Docket Number</b>	MIPS.0166-00-US
<b>Filed</b>	06/16/00	<b>Group Art Unit</b>	2183
<b>Examiner</b>	DAVID J. HUISMAN	<b>Customer No.</b>	23669
<b>Application Title</b>	INSTRUCTION FETCHING SYSTEM IN A MULTITHREADED PROCESSOR UTILIZING CACHE MISS PREDICTIONS TO FETCH INSTRUCTIONS FROM MULTIPLE HARDWARE STREAMS		
<b>First Named Inventor</b>	ENRIQUE MUSOLL		

**RESPONSE F - AMENDMENT**

**VIA FACSIMILE: 571-273-8300**

Mail Stop RCE  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action of 12/14/2005, with a shortened statutory period of response set to expire 03/14/2006, please amend the above identified application as set forth below. A Request for Continued Examination Transmittal and corresponding fee are also submitted herewith

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

**Conclusions** begin on page 20 of this paper.